

## VRF Air-to-Air Heat Exchanger: VN - U02001SY-E

- Expanded operating temperature range.
- Can be linked to the air conditioning system.
- Optional high performance air filter available.
- New DC Fan Motor provides flexible air volume.
- Complies ENTR lot 6 tier 2 requirements for the EU Market.



Hi - Res Image



Retail Price (interactive icons):



### Performance Data

Operating Range	Around Unit	°C - %RH	-10 to 50 - ≤ 80
	Outdoor Air	°C - %RH	-20 to 52 - ≤ 80
	Return Air	°C - %RH	5 to 40 - ≤ 80
Airflow	Standard Extra High - High - Low	l/s	
	Standard Extra High - High - Low	m3/h	
Fan	External Static Pressure Extra High - High - Low	Pa	170 - 100 - 23
	Specific Power Extra High - High - Low	W/l/s	
Efficiency	Temperature Exchange Extra High - High - Low	%	70.5 - 71.5 - 85.5
	Enthalpy Exchange Efficiency Cooling Extra High - High - Low	%	62 - 63 - 79
	Enthalpy Exchange Efficiency Heating Extra High - High - Low	%	72 - 73 - 86
Sound	Pressure Extra High - High - Low	dB(A)	45 - 41 - 25
	Power Level Extra High - High - Low	dB(A)	

### Indoor Data

Unit	Heat Exchanger		Special paper + Resin
	Filter Type		Nonwoven fabric
	Standard Air Filter		Gravitational method *
	High Efficiency Air Filter		Colorimetric method *
	Filtration Efficiency Grade (Collection Effect Weighing Method)	%	82
	Height x Width x Depth	mm	778 x 1242 x 1133
	Weight	kg	138
Electrical	Duct Nominal Diameter Supply/Return	mm	250 x 2/700x300
	Power Input (Heat exchange mode) Extra High - High - Medium - Low	W	1133 - 607 - 258 - 107
	Running Current Extra High - High - Medium - Low	Amps	7.43 - 3.89 - 1.93 - 0.88
	Maximum Run Current	Amps	7.43
	Power Supply	V/ph/Hz	220-240/1/50
	Suggested Fused Supply (with Heater Kit)	Amps	16 (24)
	Remote Controller Option		Wired 2-core non-polarity

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

\*All [Accessories](#) / [Controls](#)

\*Awaiting Factory Confirmation

Compatible R410a outdoor condensers:

**Mini SMMS-e, SMMS-u**

Compatible R32 outdoor condensers:

**Mini SMMS, SHRM-a**

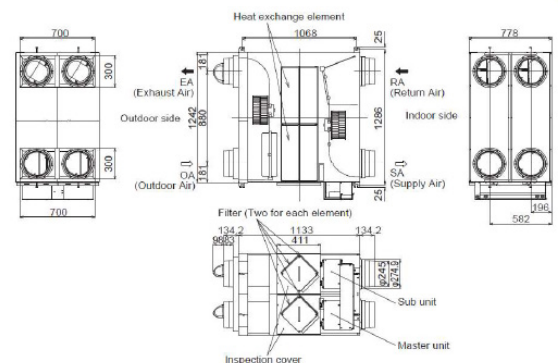
Related items:

- [Full specification](#)
- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



▼ VN-U01501SY-E/-TR, U02001SY-E/-TR

Unit:



Weight: 1:  
Heat exchange element: